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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/615,834	07/10/2003	Jong-Woo Kim	053785-5018-01	8923	
9629	7590 06/16/2004	EXAMINER			
MORGAN LEWIS & BOCKIUS LLP 1111 PENNSYLVANIA AVENUE NW WASHINGTON, DC 20004			CHUNG, DAVID Y		
			ART UNIT	PAPER NUMBER	
			2871		
			DATE MAILED: 06/16/2004	DATE MAILED: 06/16/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary    Tole   Tole			Application N .	Applicant(s)				
Examin r	Office Action Summary							
David Y. Chung  — The MAILING DATE of this communication appears on the cover sheet with the correspondence address —  Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM  THE MAILING DATE OF THIS COMMUNICATION.  - Edeneions of this may be available under the providence of 3 CFR 1.136(a). In no event, however, may a reply be timely filled  - stereo's reply specified above, the maximum statutory period will apply and will expire 31X (b) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire 31X (b) MONTHS from the mailing date of this communication.  - Feilure to reply specified above, the maximum statutory period will apply and will expire 31X (b) MONTHS from the mailing date of this communication.  - Feilure to reply which the sation cause that of period for reply will be stated period for reply will be stated period for reply will be stated.  - Feilure to reply which the sation communication.  - Feilure to reply with the sation cause that of the mailing date of this communication become AMMONED (30 X S 130).  - Feilure to reply with the sation is find the mailing date of this communication.  - Feilure to reply with the sation is find the mailing date of this communication.  - This action is FINAL.  - This action is find the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  - Disposition of Claims  - This action is final the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  - Disposition of Claims  - This action is final the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  - Disposition of Claims  - This action is final the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  - Claim(s) 18-28 is/are pending in the application.  - Application Papers  - Glaim(s) 18-28 is/are allowed.  - Claim(s) 18-28 is/are allowed.  - Claim(s) 18-28 are subjected to by the Exam								
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A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE £ MONTH(S) FROM THE MALLING DATE OF THIS COMMUNICATION.  Extensions of time may be available under the provisions of 37 CPR 1.138(a). In no event, however, may a reply be limbly filed after Stx (9) MONTHS from the mailing date of this communication.  If the period for reply is specified above, the mailing date of this communication. If the period for reply is pecified above, the mailing date of this communication. If the period for reply is pecified above, the mailing date of this communication. Any reply received by the Office later than three months after the mailing date of this communication, and the period of this communication of the period of the pe		The MAII ING DATE of this communication ar						
THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a raply be timely filed after SIX (e) MONTHS from the malling date of this communication.  - If the period for reply sepecified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the malling date of this communication.  - Failure to reply within the side over the text and the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the side or extended period for reply will, statute, cause the application to become ARAMPONEN (25 U.S.C. § 133).  - Adv, reply received by the Office lated and the the mailing date of this communication, even if timely filed, may reduce any certification in the major of the mailing date of this communication, even if timely filed, may reduce any certification is FINAL.  - This action is FINAL.  - T			pouro on the dover onest man a	e conceptinación dadices				
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* See the attached detailed Office action for a list of the certified copies not received.	a)[	<ul> <li>All b) Some * c) None of:</li> <li>1. Certified copies of the priority documer</li> <li>2. Certified copies of the priority documer</li> <li>3. Copies of the certified copies of the priority document</li> <li>application from the International Burea</li> </ul>	nts have been received.  Its have been received in Application or the contract of the contract	cation No. <u>09/885,527</u> . eived in this National Stage				
Attachment(s)	_		_					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 4) Interview Summary (PTO-413) Paper No(s)/Mail Date Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152) 6) Other:	2) Notice 3) Inform	e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/08	Paper No(s)/Ma 3) Solice of Inform	il Date				

Application/Control Number: 10/615,834 Page 2

Art Unit: 2871

## **DETAILED ACTION**

## Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

 Claims 18, 19 and 26-28, drawn to a particular liquid crystal display device, classified in class 349, subclass 43.

 Claims 20-25, drawn to a particular mask for photolithography, classified in class 430, subclass 5.

Inventions I and II are related as apparatus and product made. The inventions in this relationship are distinct if either or both of the following can be shown: (1) that the apparatus as claimed is not an obvious apparatus for making the product and the apparatus can be used for making a different product or (2) that the product as claimed can be made by another and materially different apparatus (MPEP § 806.05(g)). In this case the liquid crystal display device can be made using a series of masks without a semi-transmissive portion.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

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Art Unit: 2871

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

## Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Chung whose telephone number is (703) 306-0155. The examiner can normally be reached on Monday-Friday from 8:30 am to 5:00 pm.

ROBERT H. KIM
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800